

FIGURE 2

UMTS WIRELESS NETWORK

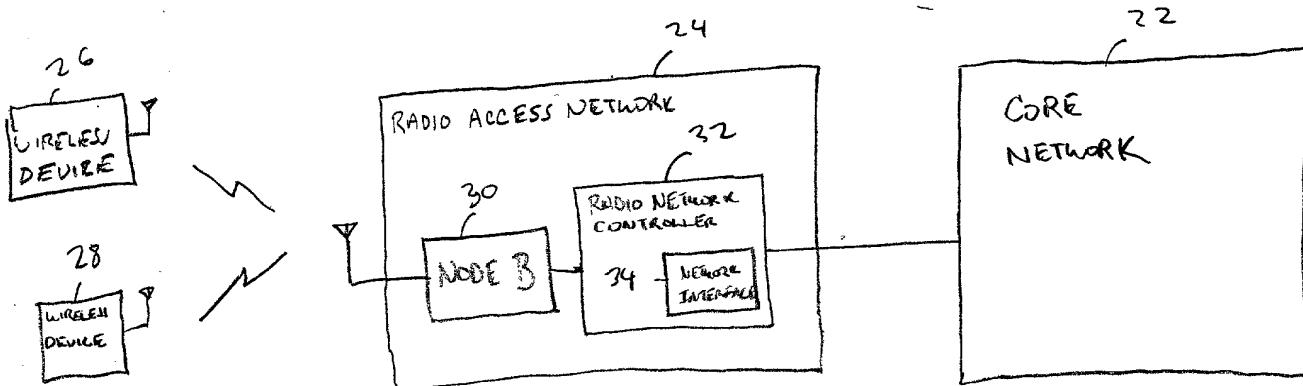


FIGURE 1

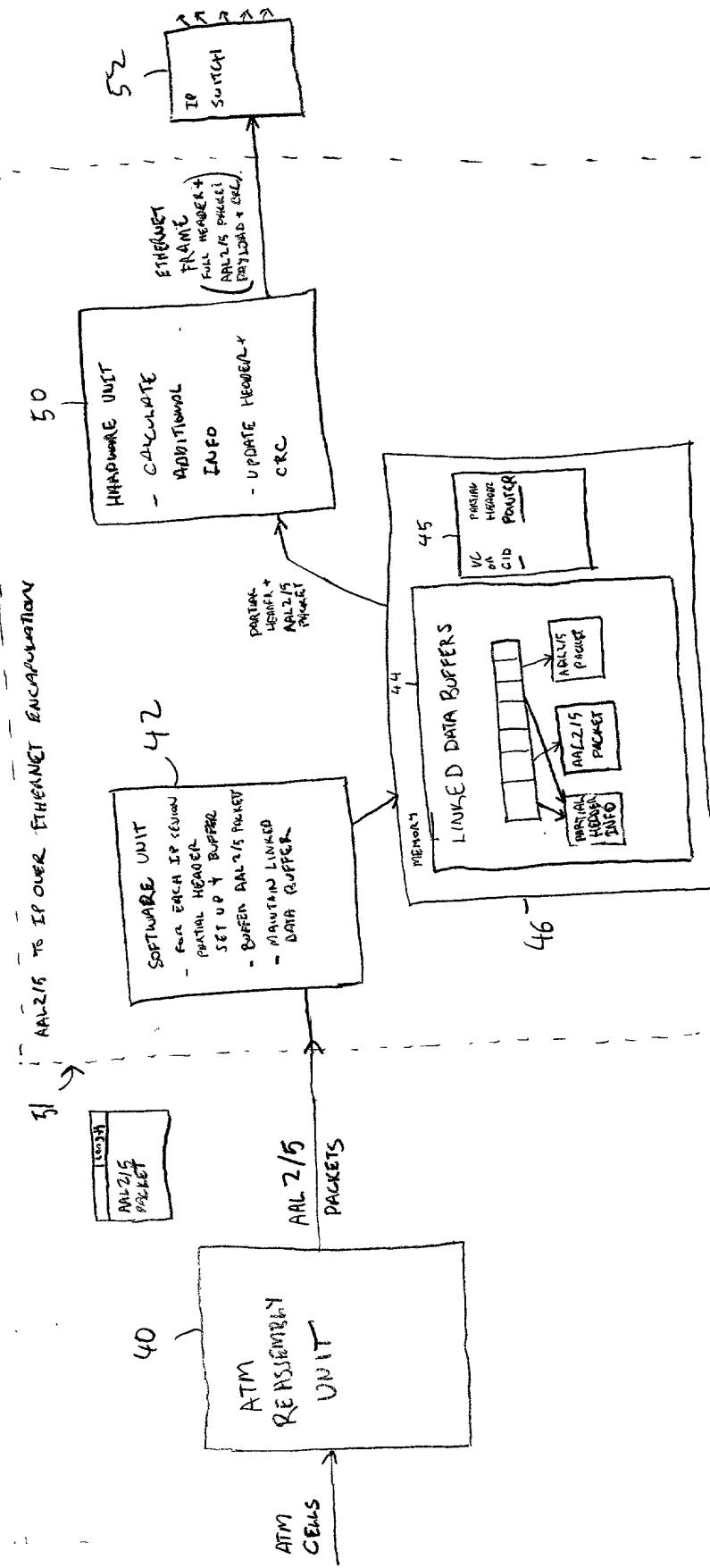


FIGURE 3

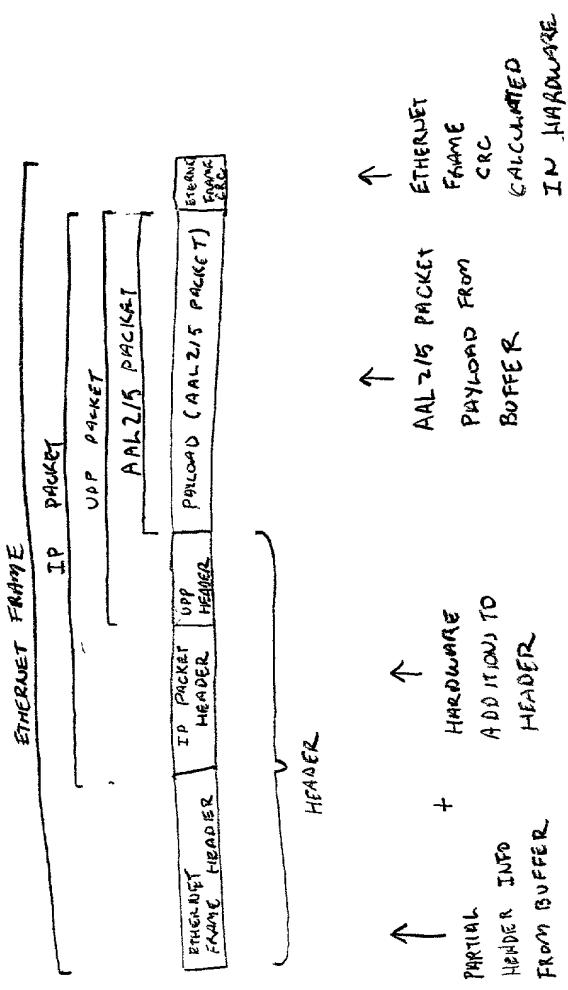


FIGURE 4

ETHERNET
FRAME
HEADER
PORTION

IP
HEADER
PORTION

UDP
HEADER
PORTION

	unused	Destination MAC address
Destination MAC address		
Source MAC address		
Source MAC address		Ethernet Type (in HW)
Version	Type of Service	Total Length (in HW)
Identification	Flags	Fragentation
Time to Live	Protocol ID	IP Header Checksum (in HW)
Source IP address		
Destination IP address		
UDP Source Port		UDP Destination Port
UDP Message Length (in HW)		UDP Checksum (in HW)

FIGURE 5

IMPLEMENTATION DETAILS

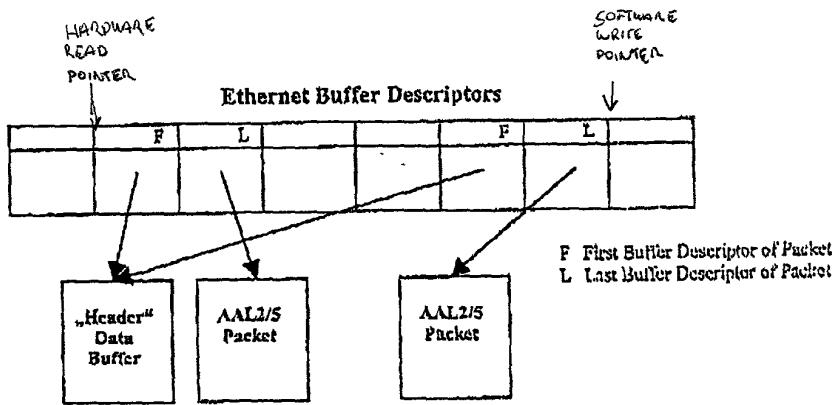


FIGURE 6

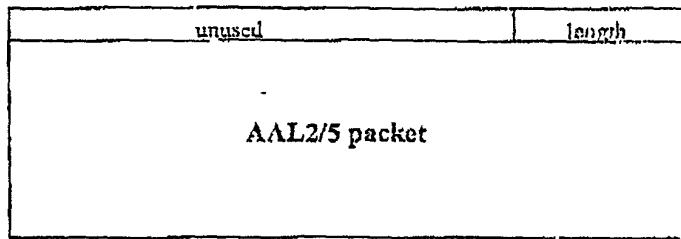


FIGURE 7

PROTOTYPING OF A

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HARDWARE UNIT

67.

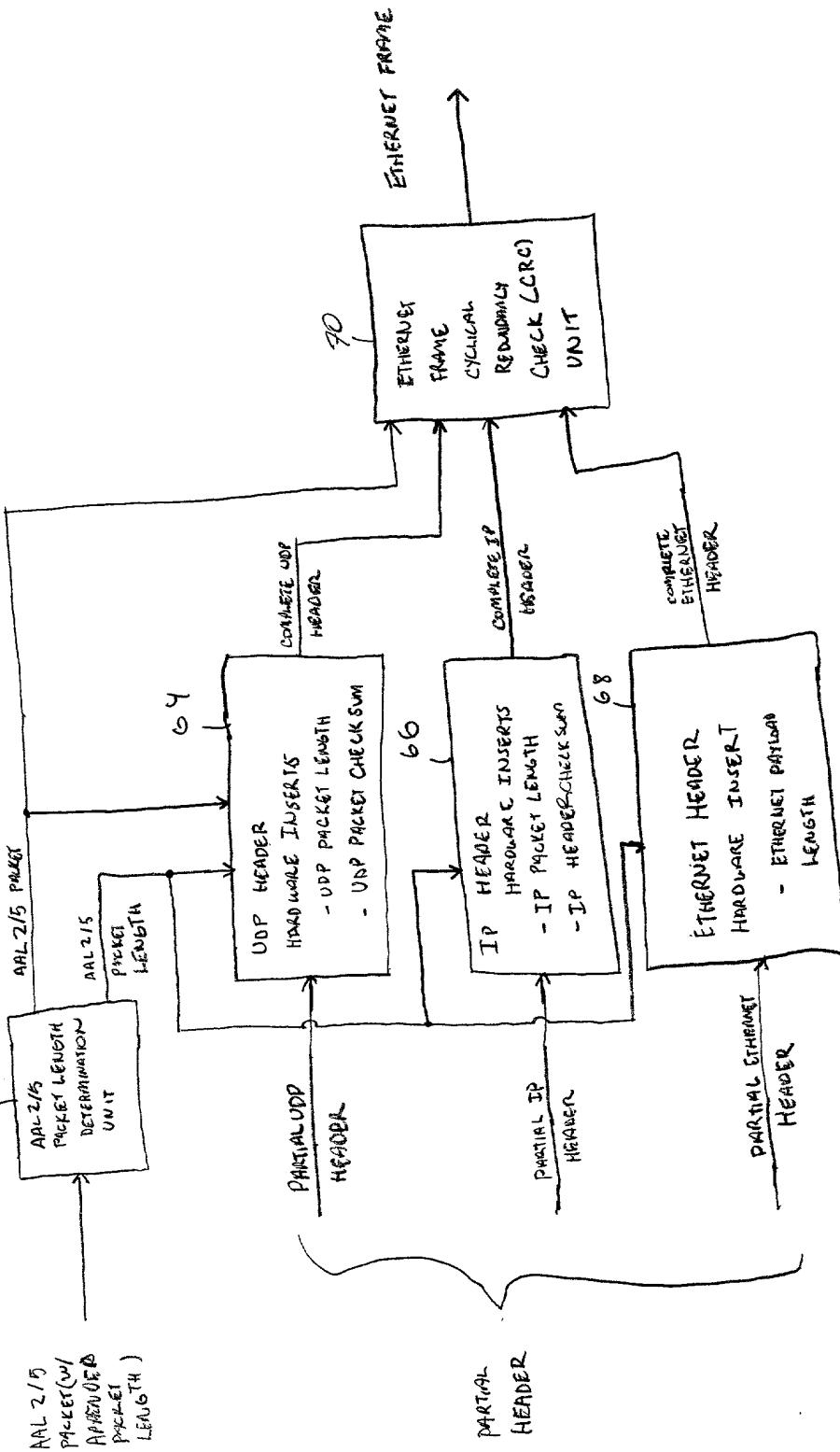
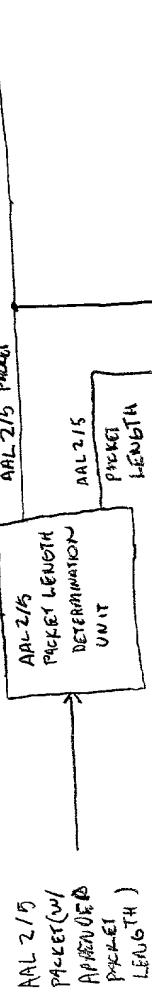


FIGURE 8

HARDWARE UNIT

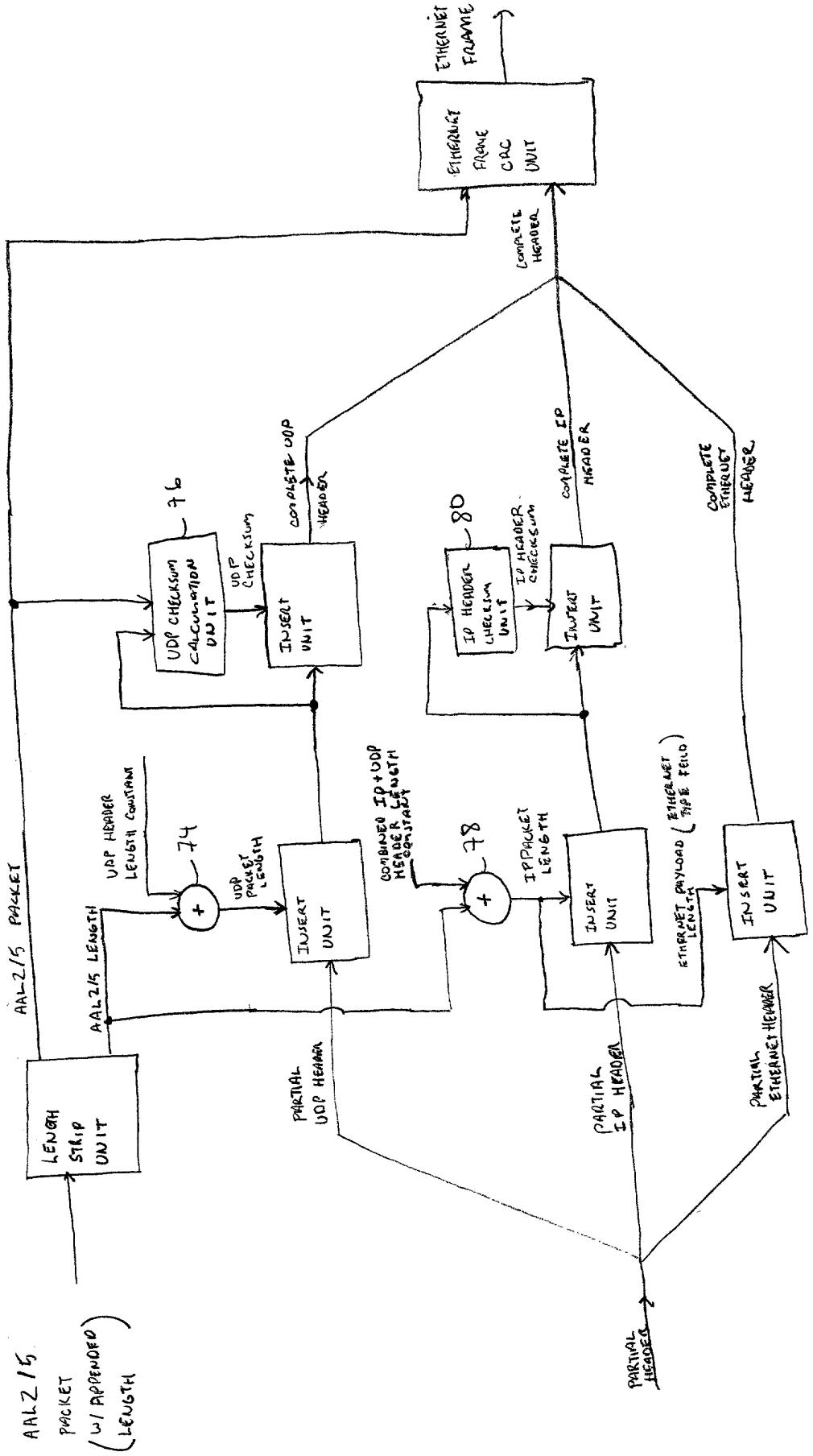


FIGURE 9